

ROAD MAINTENANCE SPECIFICATIONS

SECTION T-803A - SNOW REMOVAL (02/04/2002)

1. DESCRIPTION OF WORK

This work consists of removing snow from roads to provide safe travel for low and/or high clearance vehicles, to protect adjacent resource values and road investments, and to prevent damage to roads during use by Purchaser.

2. MAINTENANCE REQUIREMENTS

a. The traffic Control Plan is pursuant to B(T) 6.33 Safety and shall be amended as necessary for snow removal operations under b(10) (a) or (b).

b. If Purchaser's operations require removal of snow, the following requirements shall be met:

(1) Signs required by the amended Sign Plan shall be erected prior to beginning snow removal operations.

(2) Work shall be performed in a manner to preserve and protect roads and appurtenances and to prevent erosion damage to roads, streams, and other Forest values.

(3) Banks shall not be undercut nor shall gravel or other surfacing material be bladed off the road.

(4) Roadbed drainage ditches, drain dips, and culverts shall be functional when needed during operations and upon completion of operations.

(5) Snow removal shall be controlled to identify the usable traveled way having roadbed support. Over-width plowing shall be reshaped as necessary to define the usable width.

(6) Drainage holes shall be constructed at agreed locations in the snow berm or dike during snow removal operations. Drainage holes shall be maintained as necessary for functional drainage.

(7) When shown in C(T)5.12# or the Road Rules document, roads shall be effectively closed to wheeled vehicles at times and in the manner specified.

(8) Upon seasonal completion of Purchaser's Operations, the road shall be effectively blocked by a snow barricade, unless otherwise agreed.

(9) Snow markers shall be placed to identify effective roadbed width, cattleguards and other structures. The roadbed snow markers shall be spaced at a 200 foot (61m) interval, unless agreed otherwise.

SECTION T-803A - SNOW REMOVAL CONTINUED (02/04/2002)

(10) Snow shall be removed for either public access or project use as shown in the Road Listing Schedule to meet the following requirements:

(a) Removal for Public Access (Method JU) - Snow shall be removed from all of the traveled way, including turnouts, for safe and efficient use for both timber transportation and the public. Intruding windfalls, debris, or slough and slide material shall be removed for the full width of the traveled way and be disposed of out of drainages at agreed upon locations.

(b) Removal for Project Use (Method TS) - Snow shall be removed from all of the traveled way, including sufficient turnouts for safe and efficient use for both timber transportation and Forest Service administration. Intruding windfalls, debris or slough and slide material shall be removed for the full width of the traveled way and be disposed of out of drainages at agreed locations.

(11) Upon notice Purchaser shall replace in kind, within 60 days after June 1 of each year, any surfacing material which has been bladed off the road, unless otherwise agreed. Forest Service will notify Purchaser in writing the cubic yard (cubic meter) equivalent of bladed off material.

(12) Under Public Access (Method JU) roads should be plowed when the cumulative depth of snow and/or ice exceeds 4 inches (100mm) above the road surface. Project Use (Method TS) roads should be plowed when the cumulative depth of snow and/or ice exceeds 6 inches (150mm) above the road surface.

(13) Cattleguard object markers that swing, shall be either removed or locked down in a horizontal direction before snow plowing begins and shall be reinstalled or unlocked prior to June 1 of each year.

(14) Purchaser may remove cattleguard wings on (Method TS) roads to prevent damage during snow plowing. If they are removed, the edge of the cattleguard decks shall be identified. Wings shall be re-installed by June 1 of each year.

3. EQUIPMENT

Purchaser may use any type of equipment to remove snow, providing:

a. Type or use of equipment is not restricted in the C(T)5.12# or the Road Rules document.

b. Equipment is of the size and type commonly used to remove snow and will not cause damage to the road.

c. The use of dozers to remove snow requires written approval by the Sale Administrator (SA) or Maintenance Engineer Representative (MER). Dozers shall be equipped with shoes or runners to keep the dozer blade a minimum of 2 inches (50mm) above the road surface, unless agreed otherwise.

4. ICE CONTROL

Ice control may be performed by Purchaser when approved in writing by SA or MER. Such approval will include ice control materials, application rates, and any specific requirements of use.

SPECIAL T-854-A HAZARD TREATMENT AND CLEANUP

(8/03)

854.01

Description

This work consists of treatment and disposal of marked hazards such as danger trees, rocks, and stumps.

854.02

Maintenance Requirements

A. Treatment of trees includes the felling and subsequent handling of danger trees designated by the Government. Designated trees are marked with paint at breast height.

1. Fall dangerous, or unstable live trees, outside the roadway, which are tall enough to reach the roadbed when marked by the Government. Stump heights must not exceed 12 inches (304.8 mm), or 1/3 the stump diameter, whichever is greater, measured on the side adjacent to the highest ground.

2. Limb trees and snags felled away from, and at right angles to, the road center line and resting entirely beyond the roadside limits of 5 feet (1.5 meters) beyond roadway slopes to provide ground contact over two-thirds (2/3) or more of its length. When the ground contact condition cannot be met, additional bucking will be done to achieve the two-thirds (2/3) contact control. Limb and buck trees and snags falling cross slope into manageable lengths, and reorient at right angles to the road centerline.

3. Limb, buck, and deck trees or snags falling into the roadway, and move to sites off the roadbed. Scatter limbs beyond the top of the cut or toe of the fill.

4. All materials remain the property of the Government unless otherwise provided in the contract or agreed to.

5. Woody debris and slash in excess of 12 inches (304.8 mm) in length, or 3 inches (76.2 mm) in diameter, shall not remain in ditches, drainage channels, or on back slopes, traveled way, shoulders, or turnouts. Hand pile or scatter, materials, down slope from the roadbed, avoiding any concentrations or drainages.

B. Remove marked rocks and stumps.

1. Backfill resulting holes outside the roadbed with native materials and mounded to drain after settlement.

2. Haul removed rocks and stumps to the disposal site designated in the contract.